

623284

OATH AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below named inventor, being duly sworn, I hereby depose and say that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Phase Lock Loop Circuitry, the specification of

which

(check one) is attached hereto.

was filed on _____ as
Application Serial No. _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby depose and say that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint Joseph D. Pannone, Registration No. 19,044, and Philip J. McFarland, Registration No. 18,421, my attorneys or agents, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, with the said Joseph D. Pannone having full power of revocation of any power given to any other attorney or agent in this application, and request that all correspondence be directed to:

601 Philip J. McFarland, Esq.
602 c/o Raytheon Company
601 Patent Department
702 141 Spring Street
703 Lexington, MA 02173

I hereby subscribe my name to said specification, Oath and Power of Attorney this 17th day of April, 1984.

Full name of sole or first inventor George R. Spencer

Inventor's signature George R. Spencer

Residence 50 Hearthside Circle, Bedford, New Hampshire 03102

Citizenship U. S. Citizen

Post Office Address Same

I hereby subscribe my name to said specification, Oath and Power of Attorney this 20th day of April, 1984.

Full name of joint second inventor Walter J. Hicks

Inventor's signature Walter J. Hicks

Residence 7 Pinewood Road, Acton, Massachusetts 01720

Citizenship U. S. Citizen

Post Office Address Same

I hereby subscribe my name to said specification, Oath and Power of Attorney this _____ day of _____, 19 _____. MA

Full name of joint third inventor

Inventor's signature

Residence

Citizenship

Post Office Address

Commonwealth of Massachusetts
County of Middlesex ss.

Before me personally appeared the above-named George R. Spencer, personally known to me, who signed the foregoing instrument in my presence, and made oath before me to the allegations set forth therein on the day and year aforesaid.

Thomas P. Melia

Notary Public

SEAL

My Commission expires: 9 June 1989

Commonwealth of Massachusetts
County of Middlesex ss.

Before me personally appeared the above-named Walter J. Hicks, personally known to me, who signed the foregoing instrument in my presence, and made oath before me to the allegations set forth therein on the day and year aforesaid.

Thomas P. Melia

Notary Public

SEAL

My Commission expires: 9 June 1989

County of _____ ss.

Before me personally appeared the above-named _____, personally known to me, who signed the foregoing instrument in my presence, and made oath before me to the allegations set forth therein on the day and year aforesaid.

Notary Public

SEAL

APP-4

9/1/83

My Commission expires: _____